

FEB 24 1993

DEAR, CAROL MOSLEY BRAUN,

2/8/93

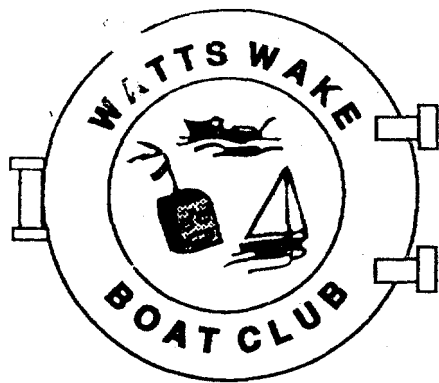
136025

It has come to my attention that the FCC has proposed to allocate radio frequencies of 72MHz to 76MHz to new technology ie: cellular phones, personal paging and radio data services. I am all for the expansion and production of all this new technology, but these frequencies are already in use. 72Mhz is reserved for radio controlled planes and 75MHz-76Mhz is reserved for surface use (radio controlled cars and boats). I personally own two transmitters that use the 75MHz band, and I have invested about \$150 into them. I am sure that there are hundreds of thousands of radios in the hands of the public (possibly millions) most of which cost much more than the combined cost of my two. If the use of the frequencies used for these R/C models is incorporated into a new market the change is going to be anything but smooth. Many owners will simply refuse to change frequencies. This will result in 1: disruption in the airwaves (static over cellular phones) or worse 2: radio "glitches" for R/C vehicles. A "glitch" is the loss of control of a radio controlled vehicle due to radio interference. No one wants to see a 90mph R/C plane glitch for any extended period of time. Even on the surface the average speed of a 1/10 scale car is 30mph and the larger 1/8 scale gas cars can easily go 60+mph. Now I wouldn't call it safe having these vehicles moving this fast with no control! We understand this and regulate the airwaves at races making sure that no two frequencies, or even frequencies that are close, are on at the same time. Notice too that the frequencies are separated between surface and air use for safety reasons. If **PR Docket 92-235** passes then we will be having races with two possibly only one contestant. Not much of a race in my mind. The R/C hobby is becoming increasingly popular and this would greatly hurt it. **I oppose the regulations contained in PR Docket 92-235 and I hope you take my concerns into consideration.**

Thank you for giving your attention to these concerns.

Sincerely,





FEB 24 1993

136031

I am very active in the Watts Wake Scale Model Boat Club. Our members enjoy building and operating radio controlled model boats. I am very concerned about the proposed rules under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model boats.

Our frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower band widths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model boats, only 19 frequencies will be left if these new rules are adopted.

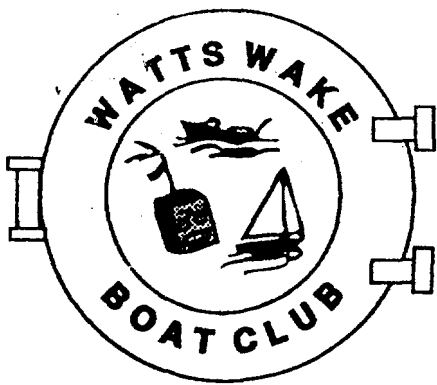
When we operate our model boats under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model boats have lengths up to 9 feet and weigh as much as 60 pounds. The models themselves are expensive to build, but more to the point, they are capable of causing property damage or serious injury if radio interference causes the operator to lose control of the boat. We often operate our boats at organized events and contests while many people observe their operation. We need the use of our full compliment of radio frequencies in order to assure a safe boating environment.

I urge you to consider this. Keep 10 kHz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by radio control enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and equipment of people nationwide. I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers.

Please help me to continue the safe enjoyment of my hobby by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,



FEB 24 1993

136044

I am very active in the Watts Wake Scale Model Boat Club. Our members enjoy building and operating radio controlled model boats. I am very concerned about the proposed rules under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model boats.

Our frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower band widths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model boats, only 19 frequencies will be left if these new rules are adopted.

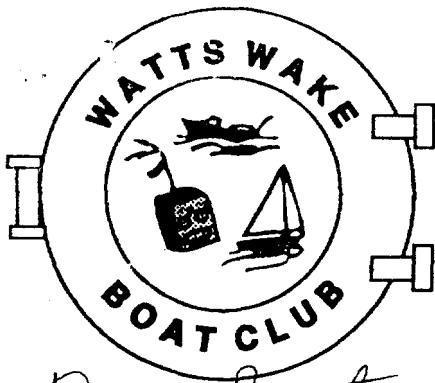
When we operate our model boats under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model boats have lengths up to 9 feet and weigh as much as 60 pounds. The models themselves are expensive to build, but more to the point, they are capable of causing property damage or serious injury if radio interference causes the operator to lose control of the boat. We often operate our boats at organized events and contests while many people observe their operation. We need the use of our full compliment of radio frequencies in order to assure a safe boating environment.

I urge you to consider this. Keep 10 kHz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by radio control enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and equipment of people nationwide. I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers.

Please help me to continue the safe enjoyment of my hobby by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,



Feb. 22, 1993

136051

FEB 24 1993

Dear Senator Brown:

I am very active in the Watts Wake Scale Model Boat Club. Our members enjoy building and operating radio controlled model boats. I am very concerned about the proposed rules under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model boats.

Our frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower band widths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model boats, only 19 frequencies will be left if these new rules are adopted.

When we operate our model boats under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model boats have lengths up to 9 feet and weigh as much as 60 pounds. The models themselves are expensive to build, but more to the point, they are capable of causing property damage or serious injury if radio interference causes the operator to lose control of the boat. We often operate our boats at organized events and contests while many people observe their operation. We need the use of our full compliment of radio frequencies in order to assure a safe boating environment.

I urge you to consider this. Keep 10 kHz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by radio control enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and equipment of people nationwide.

136055

FEB 24 1993

Senator Carol Moseley Braun,

2/8/93

It has come to my attention that the FCC has proposed to allocate radio frequencies of 72MHz to 76MHz to new technology ie: cellular phones, personal paging and radio data services. I am all for the expansion and production of all this new technology, but these frequencies are already in use. 72Mhz is reserved for radio controlled planes and 75MHz-76Mhz is reserved for surface use (radio controlled cars and boats). I personally own two transmitters that use the 75MHz band, and I have invested about \$150 into them. I am sure that there are hundreds of thousands of radios in the hands of the public (possibly millions) most of which cost much more than the combined cost of my two. If the use of the frequencies used for these R/C models is incorporated into a new market the change is going to be anything but smooth. Many owners will simply refuse to change frequencies. This will result in 1: disruption in the airwaves (static over cellular phones) or worse 2: radio "glitches" for R/C vehicles. A "glitch" is the loss of control of a radio controlled vehicle due to radio interference. No one wants to see a 90mph R/C plane glitch for any extended period of time. Even on the surface the average speed of a 1/10 scale car is 30mph and the larger 1/8 scale gas cars can easily go 60+mph. Now I wouldn't call it safe having these vehicles moving this fast with no control! We understand this and regulate the airwaves at races making sure that no two frequencies, or even frequencies that are close, are on at the same time. Notice too that the frequencies are separated between surface and air use for safety reasons. If **PR Docket 92-235** passes then we will be having races with two possibly only one contestant. Not much of a race in my mind. The R/C hobby is becoming increasingly popular and this would greatly hurt it. **I oppose the regulations contained in PR Docket 92-235 and I hope you take my concerns into consideration.**

Thank you for giving your attention to these concerns.

Sincerely,

James T. Hatchkin

FEB 24 1993

136066

2/8/93

Dear Senator Braun

It has come to my attention that the FCC has proposed to allocate radio frequencies of 72MHz to 76MHz to new technology ie: cellular phones, personal paging and radio data services. I am all for the expansion and production of all this new technology, but these frequencies are already in use. 72Mhz is reserved for radio controlled planes and 75MHz-76Mhz is reserved for surface use (radio controlled cars and boats). I personally own two transmitters that use the 75MHz band, and I have invested about \$150 into them. I am sure that there are hundreds of thousands of radios in the hands of the public (possibly millions) most of which cost much more than the combined cost of my two. If the use of the frequencies used for these R/C models is incorporated into a new market the change is going to be anything but smooth. Many owners will simply refuse to change frequencies. This will result in 1: disruption in the airwaves (static over cellular phones) or worse 2: radio "glitches" for R/C vehicles. A "glitch" is the loss of control of a radio controlled vehicle due to radio interference. No one wants to see a 90mph R/C plane glitch for any extended period of time. Even on the surface the average speed of a 1/10 scale car is 30mph and the larger 1/8 scale gas cars can easily go 60+mph. Now I wouldn't call it safe having these vehicles moving this fast with no control! We understand this and regulate the airwaves at races making sure that no two frequencies, or even frequencies that are close, are on at the same time. Notice too that the frequencies are separated between surface and air use for safety reasons. If **PR Docket 92-235** passes then we will be having races with two possibly only one contestant. Not much of a race in my mind. The R/C hobby is becoming increasingly popular and this would greatly hurt it. **I oppose the regulations contained in PR Docket 92-235 and I hope you take my concerns into consideration.**

Thank you for giving your attention to these concerns.

Sincerely,

David O. Corji

The Honorable Carol Mosley-Braun
708 Hart Senate Office Building
Washington D.C. 20510

Radio planes

Dear Senator Braun

136063

I have been interested in aviation as long as I can remember. I am very active in a local club whose members enjoy constructing and operating radio controlled model airplanes. I personally own 3 radios, 4 R/C models and have a workshop full of other products necessary to operating my models. I am concerned about the proposed rule that is currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability.

Our radio controlled frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio controlled frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

The Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of the rules with Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 KHz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 KHz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band (for R/C aircraft) and 10 of the 30 frequencies on the 75 MHz band (for R/C cars and boats) now used by hobbyists. In fact, more channels will likely be affected.

When we operate our R/C models, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of radio frequencies. If the number of usable frequencies are diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

I don't think it is wise of the FCC to seek to expand the operation conditions of land mobile users at the expense of the radio controlled modelers. The FCC may not think we are as important as business users of radio, but we have considerable investment in our models and in our radio equipment. It is a sizeable industry that must be saved from these detrimental FCC actions. The hobby provides many of hours of enjoyment to hundreds of thousands of people like myself and contributes to the advancement and development of commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal PR 92-235 for the 72-76 MHz band. We all need your help urgently because the FCC has a deadline of May 28th., 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Sincerely
Robert Ashley

Robert Ashley

RR #1 Box 42
Bethany, IL 61914

MODEL AIRPLANES
PL DOCKET 92-235
136069



February 17, 1993

Senator Carol Moseley-Braun
230 S. Dearborn - Suite 3996
Chicago, IL 60604

Dear Senator Moseley-Braun:

I am a 46 year old individual who has enjoyed building and flying model airplanes since I was 10 years old.

Since 1975, I have been involved in building, flying and instructing the operation of radio controlled model aircraft. I am also an active member in a local radio controlled (R/C) model airplane club (Tri-Village R/C'ers). This club has a membership exceeding 100 people, all of which share this common interest. We share our (Cook County) flying site with two (2) other R/C clubs, each with a substantial membership. I (we) derive a lot of enjoyment from this hobby which provides a side benefit of stress relief for most.

My specific problem and the reason I'm writing to you is the upcoming rule change consideration by the FCC.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference

Page Two
February 17, 1993

to radio control operations. I am told that the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted. When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

136071

Jan. 31, 1993

The Honorable Carol Moseley Braun
United States Senate
Washington, D.C. 20510

Dear Senator Braun:

PR Docket 92-235

I have been made aware of the Federal Communication Commission new rules on frequency allocations. The FCC proceeding is PR Docket 92-235 and if it is adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model aircraft.

The radio control aircraft frequencies are in the 72 - 76 MHz band. This band is primarily used for private mobile dispatch operations. However, the model radio frequencies in this band are far enough apart from the land mobile frequencies that both users have been able to share the band without either use interfering with the other. Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control aircraft frequencies and cause interference to radio control operations. I am told by the Academy of Model Aeronautics in Reston, VA that of the 50 frequencies that are presently available for remotely controlled model aircraft, only 19 frequencies will be left if these new rules are adopted.

I understand that modelers who fly radio remotely controlled model aircraft go to great lengths to assure the safety of themselves and other operators, bystanders, and the protection of property. Many of these safety precautions involve the careful coordination and use of the radio frequencies among fellow modelers. If the number of useable frequencies is diminished as proposed by the FCC, the remaining frequencies will become extremely congested and the margin of safety will be greatly decreased.

Please understand that these aircraft are not toys. Many of these planes have wing spans over 10 feet and can weigh as much as 55 pounds. A majority of the models fly at speeds from 60 to 100 miles per hour but many models including the jet aircraft can exceed 200 mph. I understand that these models are very complicated and can be very expensive and time consuming to build. Although all of the models can cause extensive property damage or serious or even fatal personal injury, the larger, heavier, faster aircraft have nearly the same energy as a bullet and the damage that the model could do in the event of a crash would be an extreme amount since the impact would be spread over a large area. Modelers often fly our models at organized events and contests where hundreds of operators participate and need the use of their full complement of radio frequencies in order to assure a safe flying environment.

I think it is extremely unwise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. I also think it is just plain wrong to put cellular phone convenience ahead of the possibility of severe property and possible fatal personal injury due to radio interference. The FCC may not think of modelers as as important as business users of radios, but modelers also have a considerable investment in their radio equipment. The hobby provides many hours of enjoyment to thousands of people. Also note that many aerospace engineers are using their hobby as an inexpensive test bed for their designs so the hobby also contributes the advancement and development of the commercial aviation industry.

Please help the radio control modelers to continue the safe enjoyment of their pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

Matthew R. Galli

Matthew R. Galli
211 Blue Ridge Dr.
Glen Carbon, IL 62034

1 36081

6289 Abington Dr.
Rockford, IL 61107
February 23, 1993

The Honorable Carol Moseley-Braun
708 Hart Senate Office Building
Washington, D. C. 20510
MAR 16 AM 9:27

Dear Senator Moseley-Braun,

I am writing regarding my only hobby which is constructing and operating radio controlled model airplanes. I have been in this hobby for about two years. Last year, I purchased several hundred dollars of radio equipment on good faith that it would last for years to come. Changing the rules will probably discourage myself and many others who cannot afford to constantly purchase new equipment.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

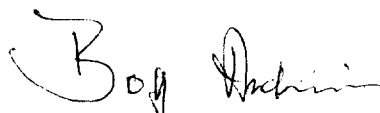
When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,



Bob Andreini

136088

Honorable Carol Mosley Braun
US Senate
Washington, DC

I have spent many years of enjoyment constructing and operating radio controlled model airplanes. I belong to several local clubs whose members share a common interest. Between the building tools, airplane kits, radios, engines, finishing materials, all add up to a large investment. Joy abounds by the camaraderie that develops between father and son or daughter, grandfather and grandchildren by building and operating their model together. Kids sharing the hobby with an adult, learn how to use their hands and minds. Kids in R/C hobby aren't gang members!

I am very concerned about what has been proposed by the Federal Communications Commission. The proceeding is PR Docket 92-235. If adopted the rule will greatly reduce the usability of frequencies currently assigned for radio control model usage. It will increase the risk of accidents and attendant liability.

Our radio controlled frequencies are in the 72/76 MHz band. This band is primarily used for private land mobile dispatch operations. Presently our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we co-exist by not interfering with one another.

The Notice Of Proposed Rule Making (NOPRM) in PR Docket 92-235 replaces part 90 of the rules with a new Part 88. Part 90 allows safe use of radio controlled aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eradicating safe use of at least 31 of 50 channels on the 72 Mhz band for R/C aircraft and, 10 of 30 frequencies on the 75 Mhz band for R/C cars and boats.

In supervised R/C model operation safety is paramount, for the spectators, operators, and property. Coordination of radio frequencies used simultaneously dictates our safety control and are strictly observed. Reduction of frequencies increases chances of accidents due to adjacent channel interference.

I think its unfair for the FCC to consider expanding the operations of land mobile radio users at the expense of the radio control modelers. The FCC must think we are not as worthy of radio frequency usage as the user of business radio. As individuals our power is how we vote, as an industry we contribute a sizable income to our nation. None of what we do contributes to the sales of drugs or the delinquency of children. The mobile communications industry can't say that. Is this going to be another scenario of the big guy and his paid lobbyist wins again? I hope not because I have faith in you that's why I'm appealing to you for your help

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal PR Docket 92-235 for the 72/76 Mhz band. We need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Cordially,



M. SCHWEICKHARDT
214 PARK MANOR
COLUMPTA, IL 62236

COM/FCC.COMMENT
- save to send to FCC

The Honorable Carol Mosley-Braun
708 Hart Senate Office Building
Washington D.C. 20510

February 22, 1993

135733

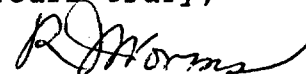
Dear Ms. Mosley-Braun,

I belong to the Academy of Model Aeronautics (AMA) Chartered radio controlled model airplane club #755. Our 71 member club enjoys constructing and operating radio controlled models.

We seek your assistance in preventing the implementation of the Federal Communications Commission's Notice of Proposed Rule Making (PR Docket 92-235). If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes. The radio equipment we presently use is state-of-the-art equipment. We have, just recently (1991), voluntarily upgraded our radio equipment in order to co-exist safely with the commercial users that now share the 72MHZ band with us. If this new law would pass, the ability to further upgrade our equipment in order to safely operate within the 2.5KHZ channel spacing is not possible with existing technology. Thirty-one of our present frequencies would become obsolete, since it would no longer be safe to operate them. (My \$400 radio would be junk.)

It is very unfair of the FCC to seek to improve the operation conditions of land mobile radio users at the expense of the present users of the 72MHZ and 75MHZ bands. We ask your help and support in persuading the FCC to reconsider their thinking on the portion of PR Docket 92-235 that affects the hundreds of thousands of present users of the 72MHZ and 75MHZ bands.

Yours truly,



R.J. WORMS
Pekin Radio Controlled
Club

135734

John E. Potter
8811 W. 102nd St.
Palos Hills, IL 60465

February 16, 1993

The Honorable Carol Moseley-Braun
United States Senate
Washington, DC 20510

Dear Senator Moseley-Braun,

This is to voice my objections to the Federal Communications Commission Notice of Proposed Rule Making, PR Docket 92-235. I build and fly radio controlled ("R/C") model airplanes. I am quite concerned that the proposed rule--if adopted--will pose a safety hazard for the general public, damage my hobby, and cause a financial hardship for myself and others.

The frequencies allotted by the FCC for model use have been around for a long time, and virtually all R/C equipment now in use by hobbyists were designed around the existing frequency standards. However, under the proposed rule, the FCC intends to carve-out two new frequencies from between the R/C channels; these new frequencies would be used for commercial purposes. This would be analogous to having the government subdivide the land between your house and your neighbor's to allow businesses to erect two stores there.

The subdivision of frequencies would pose a safety risk. The FCC's planned new "narrow" frequencies would be dangerously close to the older radio control frequencies. Adequate separation between radio control frequencies is important in maintaining the high level of safety that exists within the model hobby, for it greatly reduces the chance of radio interference. However, the creation of new frequencies by hacking-out two spaces between the existing R/C channels will seriously compromise that level of safety. All existing R/C equipment was designed--in good faith--to operate with more "breathing space" than the proposed frequency subdivisions would allow.

With the cellular phones, beepers, or whatever jammed so closely amid the R/C channels, anything less than absolutely accurate frequency transmission could create disastrous interference with the radio controlled models. That could easily translate to a twenty-five pound model hurtling uncontrolled into a house, a car, or a person at well over a hundred miles per hour just because someone

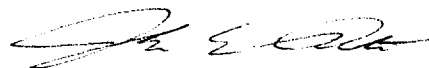
drove past using a carphone or beeper slightly out of tolerances. It would be impossible to predict when or where such interference would occur. The model airplane safety record under the existing frequency separation is excellent. I would like to keep it that way.

For R/C modelers to continue operating safely, they would have to replace almost all their equipment with new systems--systems not even on the drawing boards yet--in a relatively short time span. This is physically and economically impossible; the factories couldn't begin to cope with such a demand, and most modelers could not afford to throw away their old radios and buy new replacements even if they were available! We are talking a multi-million dollar blow to a great American hobby.

I have four radio systems and models that represent a total investment of about \$2000 dollars. They would be made obsolete overnight if the FCC proposal is adopted. I put my money into these planes and equipment over a period of years. I can not afford to write off that money and then come up with even more to buy replacement equipment. I wouldn't even be able to sell my old stuff! The FCC rule would take the hobby out of my reach and that of thousands of other Americans. That's just not fair.

If it is so important to these commercial interests to destroy a time-honored American pastime in order to supply their greedy need for more frequencies, I think they should be made to pay. If you allow the FCC to put through this rule, I would hope you will tax the new users of the encroaching frequencies to pay in full the expenses modelers will face in replacing their currently legal and safe equipment with whatever new systems and technology the new operating environment calls for.

Thank you for your attention
to this matter,

A handwritten signature in dark ink, appearing to be "John E. ...", written in a cursive style.

1 357 36

The Honorable Carol Mosley Braun
United States Senate
Washington, DC 20510

Reference: PR Docket 92-235

Dear Senator Braun:

I am writing to let you know that I am against NPRM-PR Docket 92-235 which if implemented could potentially create a health and safety problem in many areas and create a financial hardship on myself and other Radio Controlled Aircraft enthusiasts.

This proposed FCC change would legally allow other radio services to operate on the same frequencies as our model aircraft (the proposed technical specifications allows a tolerance which would permit them to be off frequency far enough to directly overlap.) The average Radio Controlled (RC) model weighs 6-10 pounds. Speeds of the models range from 40mph to over 200mph in the case of some competition RC aircraft. The effect of a ten pound model hitting a person or a vehicle at 40 MPH could cause serious damage; imagine the effect of a larger model travelling 100 MPH.

The other aspect of this proposed rule is financial. This proposed rule change would make the bulk of our current RC aircraft frequencies unusable for safety reasons. This effects nearly every piece of radio equipment I own. Adoption of this rule would mean that I may have to either drop out of the hobby for financial reasons or spend hundreds of dollars to

135737

February 10, 1993

The Honorable Carol Moseley-Braun
United States Senate
Washington DC 20515

Dear Senator Braun:

I have been interested in aviation for as long as I can remember. I derive many hours of enjoyment from constructing and operating radio controlled model airplanes.

I am very concerned about the proposed rules that are currently under consideration by the FCC. The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

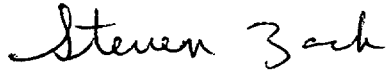
When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Page 2

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference caused the operator to lose control of the craft. We often fly our models at organized events and contests where hundred of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,

A handwritten signature in cursive script that reads "Steven Zack".

Steve Zack
341 Plainfield
Darien Il 60561

135738

The Honorable Carol Mosley Braun
United States Senate
Washington, D.C. 20510

February 17, 1993

Dear Senator,

Both my son and myself have been interested in the construction and flying of radio controlled model airplanes for more years than I care to remember. We have made a considerable investment of time and money pursuing this hobby.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

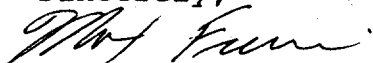
Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and

contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and my son and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

A handwritten signature in cursive script, appearing to read "Max Fierer".

Max Fierer
3817 Cindy Lane
Glenview, Il 60025

135734

The Honorable Carol Moseley-Braun
United States Senate
Washington, DC 20510

Dear Senator:

As a responsible adult involved in the hobby of flying radio controlled aircraft, I strongly urge you **not to pass** the proposed FCC rule known as **NPRM - PR Docket 92-235**. The inclusion of this type of radio activity, in such close proximity to the channels now in use for radio controlled models, would cause many accidents resulting in the loss of property in which modellers have invested a very significant amount of time and money. The incidents could also result in potentially fatal injuries to human beings and damage to other property.

Not too long ago, the FCC granted new frequencies for radio control of models (for the years 1991 and beyond). While this action did result in more frequencies to operate our models from, it also meant significant new costs to upgrade our equipment. The upgraded equipment is not compatible in the radio frequency environment that the FCC is proposing in NPRM - PR Docket 92-235. The proposed docket would render our latest upgraded equipment obsolete, due to the dangers from spurious signals. In fact, the necessary technology to produce equipment for models which would work in the proposed environment may not exist.

As a long time participant in the hobby, I strongly support the use of the current set of frequencies now allotted to our activities. The recent increase in the number of channels has allowed many newcomers to participate. Please **do not approve NPRM - PR Docket 92-235**, as it would place our hobby at great risk.

Thank you for your consideration,

Edward F. Bywater

135740

February 17, 1993

The Honorable Carol Moseley Braun
United States Senate
Washington, D.C. 20510

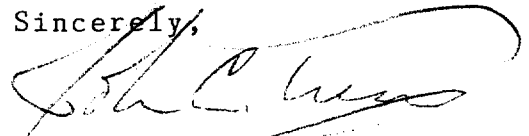
Dear Senator Moseley Braun,

I have been flying radio controlled model airplanes for twelve years and have many hundreds of dollars invested in radio equipment. My local club has over a hundred members and all of us are concerned about the proposed rules by the Federal Communications Commission (FCC). The PR Docket 92-235, if adopted, will adversely affect our hobby. Not only would it cause me to revise my current equipment at a significant expense, but it would cause dangerous congestion of radio frequencies.

Our aircraft can weigh as much as 55 pounds and fly over 200 MPH. You can see that any loss of control is an unacceptable risk! The above proposal, and legal tolerances, would have mobile transmitters more powerful than ours on the SAME frequencies. Since no reasonable hobbyist would tolerate such a risk, the net effect would be to pack the hundred fliers at my field into 19 channels. We feel this is potentially dangerous.

Please help us to keep our hobby a SAFE one by not allowing the FCC to enact it's proposal for the 72-76 MHZ band.

Sincerely,



John C. Treanor, M.D.

The Honorable Carol Mosely Braun
February 17, 1993
Senator
Senate of the United States

135741

Dear Senator:

I am retired and derive many hours of enjoyment from constructing and operating radio controlled model airplanes.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

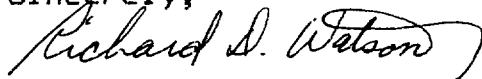
When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the full use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The Fcc may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

A handwritten signature in cursive script that reads "Richard D. Watson". The signature is written in dark ink and is positioned above the printed name.

Richard D. Watson
2303 Hawk Lane
Rolling Meadows, Il. 60008